

## Y-12 Superintendent Hibbs Named Manager Of Production

### Third MS Degree Is Taken By Miskell!

Night School A Second Home To Ron



Ronald V. Miskell

Some people collect stamps . . . some coins . . . Ron Miskell, Tool Engineering, collects Masters Degrees. On June 9, Ron took MS number three.

Miskell, a native of Chicago, took a BS degree in mechanical engineering from Illinois Institute of Technology, there, in 1956. In 1958 came MS number one . . . in engineering administration.

June 18, 1958 Ron came to Y-12, and immediately began graduate work at the University of Tennessee.

In August, 1962, he earned BS number two in nuclear engineering at UT. Then this year he was awarded an MS in engineering science.

Ron lives at 5604 Cliffwood Road, Knoxville. Mrs. Miskell is the former Barbara Tholen and the couple has two children Michael Stephen and Terry.

More education? Miskell vows he'll find something to study in the future, whatever he can work in that the UT extension offers!

### Union Carbide Canada Will Double Capacity

Union Carbide Canada is set to double its polyethylene and petrochemicals capacity. The expansion will increase the company's overall production capacity to 240 million pounds of polyethylene and 200 million pounds of ethylene derivatives annually. Union Carbide Canada currently has a capacity of 120 million pounds of polyethylene and 100 million pounds of ethylene derivatives. First phase of the expansion will take place at the Montreal East plant. This will be a 40-million-pound a year expansion of the polyethylene facilities with construction to commence immediately. The next 80-million-pound polyethylene increment, coupled with the additional 100-million-pound ethylene derivative capacity, may be constructed at Montreal East; or, it may form the first phase of a new world-competitive complex at some other location in eastern Canada.

### Y-12 Gets Many Journal Stories

While the lid of secrecy is not exactly off in regards to Y-12's activities and its works, the plant does gain mention occasionally in journals.

Statistics might amaze you. For instance, last year mention of some aspect of our work was found in:

**American Machinist** — three times.

**Automation**

**Chemical and Engineering News** — four times.

**Chemical Engineering** — two times.

**Contamination Control**

**Control Engineering**

**Design News** — four times.

**ED Weekly**

**Factory**

**Heating, Piping and Air Conditioning**

**Industrial Heating**

**ISA Journal** — two times.

**Iron Age**

**Machine Design**

**Machine and Tool Blue Book**

**Machinery** — two times.

**Metals Review**

**Modern Machine Shop**

**Medical Electronics News**

**Nuclear News** — two times.

**Product Engineering**

**Research Development**

**Tool and Manufacturing Engineer** — two times.

**Tooling and Production**

**Welding Design and Fabrication**

**Welding Engineer.**

The news items covered unclassified aspects of work done in Y-12 for various governmental agencies other than the Atomic Energy Commission, educational facilities and private industry.

### Chemicals Not All Of Union Carbide Corp.

While Union Carbide Corporation is generally considered a chemical company—it is the second largest in the United States—it also produces plastics, industrial gas, metals, carbon products, textile materials, food products, electronic products, and nuclear products. In addition, it has a number of consumer products sold under trade marks well known to the public—such as Prestone anti-freeze and Eveready batteries.

### Independence Day Is Holiday For Y-12ers

Contrary to rumors circulating around, July 3, is NOT a holiday for Y-12ers. Unlike two earlier holidays this year where Mondays were taken in lieu of the Tuesday holidays, July Fourth is our country's birthday.

Tuesday, July 4, will be observed as a holiday. The nation will be 191 years old, and we haven't even started yet! Our full potential in resources, both spiritual and material, has not yet been reached . . . but we still try!

### New Linde Facilities Set In Los Angeles

1800-Ton-Per-Day Unit Being Built

A multimillion dollar oxygen-nitrogen production facility has begun at Wilmington, California, which is in the City of Los Angeles. The 1,800-ton-per-day facility is scheduled for completion late this year, according to Birny Mason Jr., chairman of the board of Union Carbide Corporation. Mason stated that this substantial addition to the corporation's production capacity is intended to serve the growing requirements of industrial gas customers in Southern California as well as to keep pace with the heavy demand of Government aerospace projects.

Production facilities at the Wilmington plant, which will be built and operated by the corporation's Linde Division, will consist of two air separation units with a total capacity of 850 TPD of high-purity oxygen and 960 TPD of high-purity nitrogen. The plant will also be equipped with a 230-ton-per-day liquefier to produce both liquid oxygen and liquid nitrogen for distribution by transport trucks and trailers. Storage facilities for liquid oxygen and liquid nitrogen, as well as filling and servicing stations for the transport field, will also be located on the nine-acre site in Wilmington.

### Mile-Long Pipelines

The initial customer supplied with pipeline delivered gaseous products is Texaco's Wilmington refinery, which has contracted for the supply of substantial quantities of oxygen and nitrogen. The pipelines connecting the Texaco refinery to the air separation plant will be a little over a mile long.

With an eye to future industrial growth in the Wilmington-Long Beach area, Goffe Benson, Linde Division president, points out that the Wilmington plant also provides the nucleus for an industrial gas pipeline supply complex. "A 25-mile pipeline route extending through Torrance to the El Segundo area would run close to several petroleum processors whose hydro-cracking installations have a need for high-purity nitrogen and a potential for oxygen," said Benson. "Chemical and petrochemical producers along the same route have blanketing and purging needs that can well be served by high-purity pipeline nitrogen. Additionally, availability of dependable, low-cost pipeline oxygen would enable steel fabricators in the area to employ certain oxygen processing techniques in small-capacity operations that cannot be economically justified with other methods of oxygen supply," he reported.

The Wilmington plant will provide an increase of about 20 per cent over the current liquid producing capacity of the company's West Coast facilities at Fontana and Pittsburg, California, and Seattle, Washington. In addition to the large liquefied gas require-

Continued on Page 4

### Clark E. Center Is Retiring After 40 Years UCC Service

Dr. C. E. Larson, president of the Nuclear Division, Union Carbide Corporation, has announced the appointment of Roger F. Hibbs as Manager of Production, replacing C. E. Center, who is retiring June 30. Hibbs, Y-12 Plant Superintendent since October, 1962, will serve in a dual capacity, continuing as head of Y-12's plant organization. As Manager of Production for the Nuclear Division, he will be responsible for management of the Y-12 Plant and the gaseous diffusion plants at Oak Ridge, and Paducah, Kentucky.

Hibbs received a bachelor's degree in chemistry from Eastern Illinois State University and began his career with Tennessee Eastman Corporation at Rochester, New York. In June 1943 he transferred to Y-12. When management of the Y-12 operations was taken over by Union Carbide in 1947, he joined the Carbide organization.

As a result of his significant contributions to both the technical and administrative aspects of his assignments, he advanced to positions of increasing responsibility, including Laboratory Supervisor, Laboratory Division Superintendent, Superintendent of the Chemical Process Division, and Superintendent of the Technical Division.

An Oak Ridge resident for 24 years, Hibbs is a native of St. Louis. He is married to the former Mary Jane Aland, and they live at 502 Michigan Avenue, Oak Ridge.

Clark E. Center, the key Carbide official in Oak Ridge for over 20 years, received his BS degree in mechanical engineering at the University of Michigan, where he graduated first in his class. His professional and scholastic achievements were honored by membership in Tau Beta Pi and Phi Kappa Phi. Upon graduation from college, he began his career with Union Carbide and at age 25 was superintendent of Carbide's hydrocarbon plant at Diamond, West Virginia.

In February 1943, less than a month after Union Carbide accepted a letter of intent from the U.S. Army agreeing to undertake the design, engineering, and operation of a plant to produce special nuclear material, Center was assigned the responsibility for coordinating much of the work of constructing and staffing the K-25 Gaseous Diffusion Plant for producing uranium-235 at Oak Ridge. He became K-25 Plant Superintendent in 1944 and General Superintendent in 1947 when his responsibilities were expanded to include management of Y-12. Later after Carbide became the operator of the Oak Ridge National

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Roger F. Hibbs



Clark E. Center

### Carbide Activities Made Evident At Chicago Fair

The wide range of Union Carbide's activities was made evident in the Chicago World's Fair of 1933, when the corporation alone was able to supply for display purposes more than half of the known chemical elements. It is of interest to note that today, with all its many interests, Union Carbide works with about 90 of the chemical elements that have been isolated and named so far by scientists.

### PLANTING A TREE

The great French Marshal Lyautey once asked his gardener to plant a tree. The gardener objected that the tree was slow-growing and would not reach maturity for a hundred years.

The Marshal replied, "In that case there is not time to lose, plant it this afternoon."—J. F. Kennedy.

### SAFETY SCOREBOARD

The Y-12 Plant Has Operated 65 Days Or 1,886,000 Man-Hours (Unofficial Estimate) Through June 18 Without A Disabling Injury Safety At Home At Work, At Play



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



American Association Industrial Editors

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## Chemical's Hoskins In Fatal Wreck

The plant was saddened last week to hear that David G. Hoskins had died in an automobile crash near the Karns Community. Mr. Hoskins was dead on arrival at a Knoxville hospital Tuesday,



Mr. Hoskins

June 13. He had worked the midnight shift Monday. The Hoskins home is at 118 Pikeville Lane, Oak Ridge. Survivors include his wife, Mrs. Margie Moore Hoskins; mother, Mrs. Virginia Gray Hoskins, Middlesboro, Kentucky; sons Jefferson D., Winter Haven, Florida; and Richard G. Hoskins, Covington, Kentucky.

Mr. Hoskins, Chemical Services, had been here since November 4, 1947. He had previously worked with House-Hasson, Knoxville, Harlan Ice and Refrigeration Company, Harlan; and the Capital Cleaners and Southeastern Gas and Oil Company there. Before coming to Y-12 in the early days he worked with Douglas Aircraft, Santa Monica, California; and the Dr. Pepper Bottling Company, Icola, Florida.

Funeral services were held Thursday, June 15, at 11 a.m. at Martins Funeral Chapel, Oak Ridge, with the Reverend Carroll Hubbard officiating. Interment followed in the Oak Ridge Memorial Gardens.

Sincere sympathy is extended the Hoskins family.

## Jack Stewart Takes Credit Union Prize

Have you used the bulletin board at the Y-12 Credit Union?

Many members have and find the results sometimes amazing. Folks up at the Credit Union say that your notice will stay on the boards at least 30 days. If you sell your items, or obtain them, in the interim, you might call them up at 3-7204 and tell them to remove your ad. (There's no need to beat a dead mule, is there?)

At least 1500 members signed for the door prize during the early part of June. (Jack K. Stewart, General Machine Shop, took the big prize, choosing a chaise lounge.)

There's a golf cart up now for the taking. Be sure to register for it. And another prize in the making.

## DOUBLE VALUE

Across the back fence: "I won't go into details—I've already told you more about it than I heard myself."



Katy Kutkost  
SEZ:

As of the moment, we have received 257 green sheets toward the goal of 844—that's 30 per cent.

Here's how we stand on green sheets as of June 15:

Division	Goal	Received
Accounting & Budget	12	3
Assembly	45	15
Development	80	6
Engineering	152	14
Fabrication	90	6
Industrial Relations	15	2
Maintenance	250	187
Materials & Services	35	1
Metal Preparation	50	7
PSS & Utilities	15	1
Technical	100	15

Fortunately, green sheets do not need to be typed or illustrated, just jot down a couple of sentences to clarify what you did to save a few bucks. After you've done that, we will give you an equal amount of time to solve the following problem:

"Just before payday, a man we know dipped into his pocket and pulled out six coins whose value was \$1.15. If he was unable to make change for a dollar, a half dollar, a quarter, a dime, or a nickel, what coins did he have?"

Have gun—green sheeting and solving. **Remember June 30 deadline.**

(Editor's Note: 1-50¢ piece; 1-25¢ piece; 4-10¢ pieces. Try again, Katy. That one took us 30 seconds and we couldn't even pass college algebra!)

## Fitzgerald Gets Commerce Award

Birdie Fitzgerald, Timekeeping, had some happy news recently. Her brother I. Y. Fitzgerald was awarded a bronze medal by the U.S. Commerce Department's Environmental Science Services Administration. The award for superior service is the highest honor a Commerce bureau can confer upon an employee.

Fitzgerald is chief of the Photogrammetry Division's Coastal Surveys Section at the Rockville, Maryland, headquarters of ESSA's Coast and Geodetic Survey. He was commended for "extremely competent service in planning and monitoring photogrammetric field surveys and in developing new surveying techniques."

Birdie's brother has been with the Survey more than 25 years. Before his transfer to the agency's headquarters in 1957, he served on war mapping parties along the Atlantic Coast and supervised field survey operations on the Atlantic and Gulf Coasts.

His service with the Army Corps of Engineers during World War II included photogrammetric and reconnaissance missions along the Rhine River in Germany, and an engineering assignment on Roer River Dams, for which he was awarded the Bronze Star.

Fitzgerald is the son of Mr. and Mrs. Isaiah Fitzgerald, 104 Georgia Avenue, Oak Ridge. He was born in Celina, where he attended Celina High School. He subsequently studied civil engineering at Tennessee Polytechnic Institute, Cookeville.

He and his wife, Elaine, reside at 3804 Lakota Road, Alexandria, Virginia.

## Safety At Home

# Abundant Water For Recreation--Extra Hazards

"Water, water, everywhere," the cry of the Ancient Mariner, could very well be the theme song of an East Tennessee dweller.

For the area abounds in lakes, streams (rivers and creeks) and even ponds on the farm.

Water safety touches almost every family in Y-12. Hardly a home is represented that does not have a boat, boast a future champion swimmer, or take to the skis on clear, hot week-ends.

Water skiing has become one of the most popular forms of family recreation, and it is one of the easiest of all sports to learn. It is not uncommon for a person, child or adult, to be able to successfully ski after only an hour or less of instruction. (We know somebody who has been trying to for 10 years, and has been unable to 'get up' yet!)

Skiing is also one of the safest of family sports if a few simple and basic safety precautions are followed:

First of all, a skier, whether beginner or "old pro," should always wear a life jacket or one of the belt-type preservers.

Before starting out, the skier should check skis for splinters, and the bindings for any sharp edges. The tow ropes should also be inspected for frayed or worn spots, and of course, the boat and motor should be in good condition.

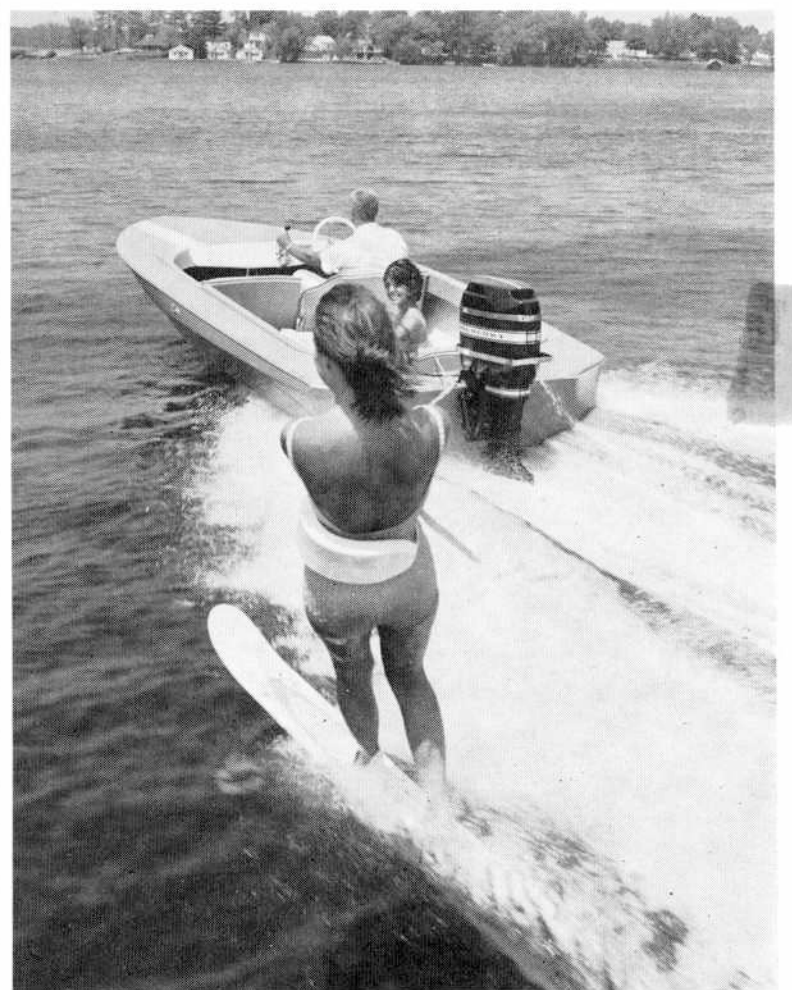
The tow boat should always have two people in it—the driver and another person to act as observer. The approved hand signals need to be understood and used by both skier and observer.

Once a skier is on plane, or actually up on the skis and skiing, other precautions are called for.

The two rope or handle should never be wrapped around any part of the body. It is meant to be held with the hands and unless you are in the expert class leave the toe-holds and other tricks to the show skiers.

If you know you are going to fall, and what skier doesn't occasionally, try to fall backwards. There is less chance of having your wind knocked out than when you fall forward. Also, at the first sign of a fall, let go of the tow rope.

When coming in for a landing, run parallel to the shore or dock and have the tow boat slow down. Don't aim directly at a dock or



**WATER SKIING, ONE OF THE MOST POPULAR** summer sports of the area, offers invigorating exercise. The skier above follows two basic safety rules of water skiing by wearing a ski belt and having an observer in the boat.

beach. Your momentum may carry you into either one at too rapid a speed, and water skis don't have brakes.

If you follow these basic rules of safety, a summer of water skiing fun is virtually assured.

Speeding or water skiing in the close proximity of swimmers and other boats, can be dangerous and may amount to reckless or negligent operation. (The Motorboat Act provides that no persons shall operate any motorboat of any vessel in a reckless or negligent manner so as to endanger the life, limb, or property of any person. Such conduct is punishable by a fine not exceeding \$2,000 or by imprisonment for a term not exceeding one year or by both such fine and imprisonment at the discretion of the

court.) Remember, each boatman is responsible for the wake his boat creates.

There are dozens of free courses offered in the area on swimming, water safety, and boating.

If you are going to 'take to the water' it would be to your own advantage to investigate one or all of these courses. Check with the local Red Cross, the YWCA, or the local Power Squadron (Gus Angele will be happy to help you).

The water is here for everyone to enjoy. But it demands the respect of a potential killer!



**Riders wanted from South Knoxville vicinity, Chapman Highway, any portal, straight day.** E. E. Cook, plant phone 3-5445, home phone Knoxville 577-4786.

**Ride wanted from Burlington, East Knoxville, to Biology Portal, straight day.** William Beal, II, Plant phone 3-5881, home phone Knoxville 523-3332.

**Ride wanted or will join car pool from Burlington to West Portal, J Shift.** V. C. Huskey, plant phone 3-5727, home phone Knoxville 522-8907.

**Ride wanted from vicinity of Kentucky Avenue, Oak Ridge, to East Portal, straight day.** J. M. Shane, plant phone 3-5311, home phone Oak Ridge 483-7055.

## VACATION SPOILER

Poison ivy has ruined many a vacation. Learn to identify the noxious plant . . . and give it a wide berth. Poison oak, Virginia creeper, and other weeds are to be avoided by many also. Don't let your vacation be spoiled by a rash!



**THE FIRST THING TO LEARN** after you "get up" on water skis is the proper technique for falling. When you feel a fall is imminent let go of the tow rope and try to fall backwards. The skis will be in front of you, and there is less likelihood of knocking your breath out with a backward fall. After you are down, signal the persons in the boat that you are O.K.



## Bill Maddux Is OR Golf Champ!



Bill Maddux

Y-12 boasts a new golf champ! Bill Maddux, pitted against three other Y-12ers, recently was crowned the Oak Ridge Country Club golf champion.

He won the title by defeating Carl Dorr 2-1 in the finals June 11.

Play began Saturday, May 20, for 32 golfers qualifying for the championship flight. Three rounds of play on successive week-ends cut the field to four semifinalists: Maddux pitted against Gene O'Hara, and Dorr against Dan Stroud.

In the final match, Dorr got off to a fast start on the front nine, and after eight holes of play was three strokes up. Maddux birdied the 9th, 11th, and 12th holes to pull even, and went one up with a par on number 13. After halving the 14th with pars, both golfers birdied 15. Maddux won 16 and halved 17 with pars to go two up with one to play, ending the match.

This was Bill's first ORCC championship. Dorr had previously won the title three times.

Maddux is in Y-12's Physical Testing.

## HossShoe League Throws 1st Shoes

The Y-12-ORNL Horseshoe League opened last week, as the first shoes were thrown out. The Gray-Leonard team swept a nine point victory over Helms-Lucke. Coley-Raper won eight from Matheny-Miller; while Luckett-Barger took six from Hutto-Tillery.

The three other teams were not scheduled, but will see action this week.

League standings follow:

Team	W	L
Gray-Leonard, ORNL	9	0
Coley-Raper, Y-12	8	1
Luckett-Barger, ORNL	6	3
Hutto-Tillery, ORNL	3	6
Matheny-Miller, ORNL	1	8
Helms-Lucke, Y-12	0	9
Durham-Harness, ORNL	0	0
Rein-Case, ORNL	0	0
Kendig-Zupan, ORNL, Y-12	0	0

## Carbide Camera Club Opens Photo Salon

The annual Carbide Camera Club Salon opens Friday, June 23... for a week's showing. The Salon will be open through Friday, June 30. It is being held at the Ridgeway Shopping Center, behind French's Market, on the turnpike.

Camera Club members expect more than 600 entries in this year's competition.

This is the first time that competition in the color print division has been held. Main categories in this division are portraits, open and landscapes and nature.

Five professional photographers or artists will judge the entries.

## Garber-Huddleston Take Melton Lead

The Garber-Huddleston duet moved into the lead in the Melton Hill Golf League last week with a sweeping win over Pryson-Butler. Other clean victories were taken by Goodwin-Smith over Clabough-Nobles; and Tim Butler (firing alone for Butler-Perry) past Henderson-Smith.

Brown-Gresham posted five big points at the expense of Thompson-Rogers. Taking four were Morehead-Poly over Dill-Briscoe; Winstead-Batch over Don Booher (shooting alone for the Booher-Hamby team); Grubb-Cofer over Boyd-Sise; Nelson-Tiller over Alvey-Gamble; and Huffman-Hogg over Roberts-Johnson.

Bill Grubb shot the low scratch score of 38... Don Booher, Frank Tiller and J. D. Brown all scored 40. Frank Tiller copped a 32 handicap score; Tim Butler, 33; and Frank Winstead, 34.

League standings follow:

Team	W	L
Garber-Huddleston	15	3
Booher-Hamby	14	4
Morehead-Poly	14	4
Alvey-Gamble	13	5
Grubb-Cofer	12	6
Winstead-Batch	12	6
Thompson-Rogers	11	7
Nelson-Tiller	11	7
Goodwin-Smith	10	8
Brown-Gresham	9	9
Pryson-Butler	9	9
Huffman-Hogg	7	11
Butler-Perry	7	11
Boyd-Sise	6	12
Clabough-Nobles	4	14
Roberts-Johnson	4	14
Henderson-Smith	2	16
Dill-Briscoe	2	16

## Bandsmen Sought By OR-25 Club

Calling all musicians. Would you like to perform in the Oak Ridge Anniversary Band? The Oak Ridge 25 Committee is seeking folks who can read music and play any band instrument, particularly the clarinet or horn. They are especially interested in lady performers.

The director is Steve Combs, of the Oak Ridge High School band. Combs emphasizes that this is an amateur group and no one should worry about his ability. Only old favorite marches will be played with perhaps one difficult number each concert.

Rehearsals are held on Thursdays... and the first performance is planned for Tuesday, July 4th. The OR-25 Committee will provide as many opportunities as the band can handle for future performances.

Anyone interested should contact Frank P. Callaghan, Oak Ridge telephone 483-9533, or the OR-25 Committee, telephone 483-3597.

## Softball Team Paged For Season's 2nd Half

Play begins in the Softball League's second half next week. There is still an opening for a full team. The Big Shops were forced to drop from the schedule during the league's first half.

Any one wishing to enter a team should contact the Recreation Department, extension 3-7109.



Y-12'S PEEERLESS PIRATES are staying right up there in League standings on the sand-lot league. They are, kneeling from left, W. C. Smith, Spence Ferguson, George MacPherson, manager; Charlie Myers and J. D. Kelly. Standing are Bobby Rutherford, J. B. Peters, Mack Wright, Don Forrester, Emmett Moore, Tom Wheeler, J. B. Bush and Bill Boucher. Assistant Manager Don Stinnett was not present when the photo was made.

## Recreation



Saturday, June 24

GOLF: Niota (Springbrook) Tournament, Tee-offs begin at 6:30 a.m.

HOT DOG TIME: 2 p.m. Union Carbide Park. Sponsored by E, F, G, H and J Shifts. All Y-12ers and families welcome.

Monday, June 26

SOFTBALL: 6:15 p.m. Pine-wood Park. Falcons vs. Big Shops.

PHYSICAL FITNESS (For women) 7 p.m. Oak Ridge High School Girls' Gym.

Tuesday, June 27

SOFTBALL: 6:15, 7:30, 8:45 p.m. Pinewood Park. Flyers vs. Braves; Pirates vs. K-25 Sports; Bat Boys vs. K-25 Mets.

PHYSICAL FITNESS (For Men) 7:30 p.m., Oak Ridge High School Gym.

Wednesday, June 28

CARBIDE RIFLE LEAGUE: 7 p.m., Clinton Rifle Range.

Thursday, June 29

SOFTBALL: 6:15, 7:30, 8:45 p.m. Pinewood Park. K-25 Slugs vs. Big Shops; Eagles vs. Falcons; Flyers vs. K-25 Sports.

ARCHERY LEAGUE: 5:15 p.m., Oak Ridge Sportsmen's Association.

HORSESHOE LEAGUE: 7 p.m. CITY COURTS. Jackson Square.

## H. D. Morris Son Big Little League Star

Jeffrey Morris, H. D.'s son in Stores, recently made history in the Powell Little League by pitching a no hit game.

Now he comes along and pitches a shut-out... allowing only two hits and one walk the entire game. His pitching helped the Smokies walk away with the second place slot in the first half of tournament play.

(Jeff has not allowed a score across the plate all season!)

Looks like somebody is trying to make the Big Leagues out of the Little Leagues!

## BLESSED ARE THE MEEK

It seems a shame that the meek "shall inherit the earth." Seems like they deserve better!

## Braves Still Sport Spotless Record In Softball As K-25 Mets Are Upset

The improving K-25 Slugs overcame the Y-12 Falcons in initial Softball play last week, 24 to 11. John Crow, Jim Regner and Steve Moore all poled long homers for the winning squad.

The K-25 Mets shut out the Y-12 Pirates in Monday's second game, 7 to 0. Homers were hit by Bob Henderson, Jim Foreman and Bill Schellinger. The Mets earned seven hits to the Pirates' four.

The Bat Boys took the easy way by a forfeit over the Big Shops.

The Y-12 Braves bettered their league standings (already perfect) by shutting out the K-25 Sports 14 to 0. John Evans earned two home-runs for the winners, Jim Shoemaker one.

The Y-12 Flyers downed K-25's Slugs 9 to 6 in Tuesday's second game. Paul Johnson pegged a

four-bagger for the winners; Jim Batch a triple.

The Bat Boys belted the Eagles in a close one for the final game Tuesday 8 to 7. Dave Hendrickson homered for the winners; Jim Thompson for the losers. The BB's poled 13 hits, to the Eagles' 11. Hendrickson's homer was the clincher in the bottom of the last inning!

An upset game Thursday saw the K-25 Sports surprise everyone by beating the K-25 Mets 15 to 11. The Sports homered all over the place, with Jim Adams, Bob Neir, Jerry Howard, and Roy Whitaker all getting four-bag belts. Bob Henderson hit the only big one for the losing Mets.

The Pirates played it cool Thursday by winning a forfeit over the Falcons.

And the Y-12 Braves took win number 12 via forfeit from the kaput Big Shops team.

League standings follow:

Team	W	L
Braves, Y-12	12	0
K-25 Mets	10	2
Pirates, Y-12	8	4
Eagles, Y-12	7	5
K-25 Sports	7	5
Flyers, Y-12	6	6
Bat Boys, Y-12	5	7
K-25 Slugs	4	8
Falcons, Y-12	1	11
Big Shops, Y-12	0	12

## Shift-Folks Set Park Area Party

Saturday, June 24, is Fun Time for E, F, G, H and J Shift-folks. They are staging a hot-dog-game time at the Carbide Park, Saturday. Free hot dogs at 2... game time at 4 through 6:30 p.m.

Kids' games will be staged for those from 6 through 13... adults, from 14 up.

The kids will be awarded 10 pocket transistor radios... and an assortment of prizes will be given to awards.

"Adult" prizes include a desk lamp; a 21piece tool kit; a portable mixer; an electric can opener-knife sharpener; a bun warmer; an outing kit; a silverplated pitcher; a gallery tray; a "banjo" clock; an electric brazier; a 10-transistor radio; and a provincial tea kettle.

All Y-12ers are welcome at the party. It's all free. Just bring a blue badge along to show your employment. A badge is a requirement to register for the activities and to obtain the necessary tickets.

Hot dogs and all the trimmin's are provided but each must bring his own drink. There are soft drink dispensing machines at the Park.

## 1967 Fishing License Now Available Locally

Hunters and fishermen are again reminded that their 1966 licenses expire next Friday, June 30.

Distribution of some 400,000 licenses at sporting goods stores, service stations, and what-have-you, began recently.

The cost of the hunting and fishing combination license is \$5. One-day licenses cost 50¢, while the three-day and 10-day ones are \$1.50 and \$2. Until this year, the three-day and 10-day permits were available to non-residents only.

Tennessee is one of the few states in the union that pours its entire revenue from the sale of licenses into conservation efforts. It has been described as an ideal game and fish protective move by many sporting enthusiasts.

Safety is your own look-out.



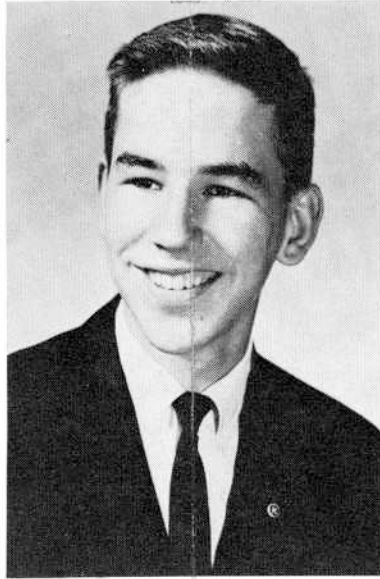


**UNION CARBIDE CORPORATION**  
NUCLEAR DIVISION  
P. O. BOX Y, OAK RIDGE, TENNESSEE 37830

(RETURN REQUESTED)

BULK RATE  
U.S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

## Don Quinley Gains Architect Grant



Donald Quinley

Donald Quinley, son of P. D. Quinley, Chemical Services, has been selected to receive one of 10 \$500 sponsorship awards for 1967-1968, from architectural firms and other businesses. Don is in the University of Tennessee's School of Architectural.

Besides financial assistance, the sponsorship program provides an opportunity for close contact between students and practicing architects. Quinley's sponsoring firm is Good and Goodstein—architects—825 North Central Avenue, Knoxville.

Don is a graduate of Oak Ridge High School and attended the University of Kentucky his freshman year in college.

The Quinleys live at 102 Wadell Place, Oak Ridge.

Today is safety day.

## President Johnson Launches New 'Share In Freedom' Bond For USA

President Lyndon B. Johnson has launched the 1967 "Share in Freedom" campaign for the sale of U.S. Savings Bonds with an announcement of a companion savings note, to be known as a Freedom Share.

The Freedom Shares will be sold only in combination with sales of Series E Savings Bonds, through regular Payroll Savings and Bond-A-Month Plans. (See Y-12's Paymaster for the proper forms.)

The new security will earn 4.75 per cent interest when held to maturity—four and one-half years. It must be held for one year before it can be cashed.

Series E Bonds will continue to earn 4.15 per cent interest, when held to maturity—seven years.

The President's announcement was made on a nationwide closed-circuit telecast from Washington to meetings of some 10,000 Savings Bonds volunteers in 32 cities. The meetings were held to announce plans for this year's intensive sales campaign in April and May of this year.

Freedom Shares will be sold in four denominations—\$25, \$50, \$75 and \$100—with purchase prices of \$25.25, \$40.50, \$60.75 and \$81, respectively. There will be an annual limitation on holdings of \$1,350 face value.

With an investment of \$39, a purchaser can get back \$50—half in four and one-half years, the other half in seven years. The combined yield of the two securities, if each is held to full maturity, is 4.39 per cent.

In introducing the Freedom Share—a temporary addition to the Savings Bonds "line"—President Johnson said:

"Freedom must be at all times defended, because it is at all times besieged. Not all of us are called to fight on the battlefield. Many of us must, quietly and firmly do what we can and all that we must here at home. Buying bonds, regularly, is as important to this nation in the long reach of history as almost anything we can do.

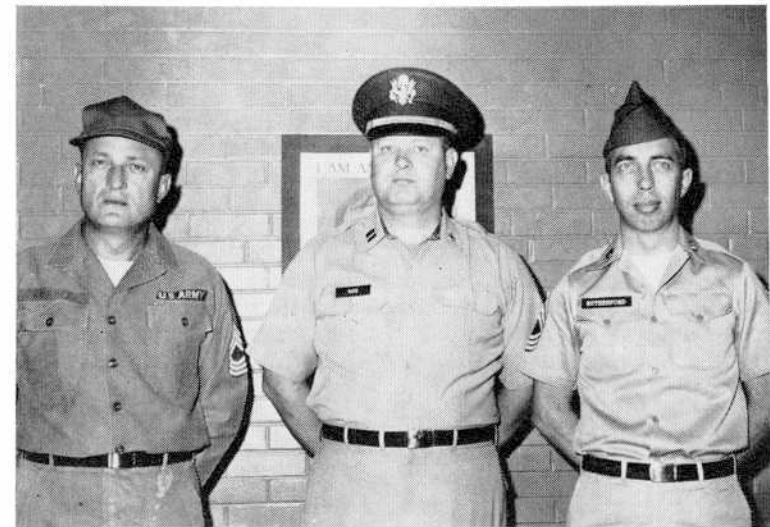
"We can do no less than those who fight and die for our freedoms. Last year, American servicemen bought almost \$350 million worth of Savings Bonds—close to \$90 million in the last quarter alone. Battle honors come hard in Vietnam, because the price of honor is often the price of life. Yet in jungle and hamlet—on shipboard and airfield—there is one trophy that every American unit prizes. It is not the enemy's flag. It is the Minute Man Flag that symbolizes 90 per cent or better participation in the Payroll Savings Plan.

"Throughout Vietnam, there are scores of units who fly those flags for all our countrymen to see. I have seen them in Vietnam. They are declarations of our faith, and they declare that we are still the people that the poet saw—with 'The flash of freedom in their eyes'."

Tens of millions of Americans now hold the popular Savings Bonds—which got their start in May 1941. Today, more than \$50.3 billion is outstanding in the hands of Bond purchasers, representing some 23 per cent of the publicly owned portion of the national debt.

Savings Bonds have long been a major tool in the development of thrift habits and in helping the government meet its obligations and combat inflation.

It is expected that dollars invested in the new Freedom Shares will be dollars that would not, otherwise, enter the savings market.



**OFF TO SUMMER CAMP** are the three Y-12ers above, serving with the 316th Logistical Command, Knoxville, U.S. Army Reserve. They left June 3 for 15 days annual active duty training at Fort Stewart, Georgia. From left are M/Sgt. James W. Graves, Chemical Services; Capt. James K. Cox, Traffic Department; and M/Sgt. William B. Rutherford Jr., A-2 Shops, 9212. The unit will provide the logistical support for the 30th Armored Division, Tennessee National Guard.

## Center Retiring . . .

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Laboratory and the Gaseous Diffusion Plant at Paducah, Center was named General Manager. He was appointed a vice president in 1953. His current responsibilities include the management of the production facilities at Oak Ridge and Paducah, which are operated by Carbide for the Atomic Energy Commission.

In 1962 Center received the University of Michigan's "Outstanding Achievement Award," given to distinguished alumni. In 1964 he received the Atomic Energy Commission's citation for outstanding service to the nation's atomic energy program.

At retirement, Center will have served Union Carbide for a period of 40 years.



**YOUNG BERNADINE** Odette Young was born May 30, at Baptist Hospital, Knoxville, to Morris and Patricia Young, Oliver Springs. Miss Young's father is in Y-12's Assembly Department. She was born just after midnight Memorial Day.

## No Silk – No Jewels, A Second Chance

"Four hundred years ago, in Europe as well as in Asia, there was little hope of liberty for the average man of courage and good will. The ambitions of a ruling class and the times alike conspired against liberty of conscience, liberty of speech, liberty of the person, liberty of economic opportunity. Wars, dynastic and religious, had exhausted both the substance and the tolerance of the Old World. There was neither economic nor political liberty—nor any hope for either.

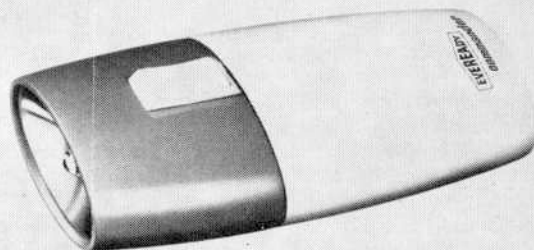
"Then came one of the great ironies of history. Rulers needed to find gold to pay their armies and increase their power over the common man. The seamen they sent to find that gold found instead the way of escape for the common man from those rulers. What they found over the Western horizon was not the silk and jewels of Cathay but mankind's second chance—a chance to create a new world after he had almost spoiled the old one.

"And the Almighty seems purposefully to have withheld that second chance until the time when men would most need and appreciate liberty, the time when men would be enlightened enough to establish it on foundations sound enough to maintain it.

"For over three centuries a steady stream of men, women and children followed the beacon of Liberty which this light symbolizes . . ." (Taken from *I Lift My Lamp*, by Herta Pauli and E. B. Ashton.)

## TRAFFIC CLEARER

Shouting at your children is like tooting your horn in traffic. And, it gets about the same results.



**NEW COMPACT "COMMANDER"** flashlights are announced by Union Carbide Corporation's Consumer Products Division. Ready for instant operation, the new lights contain highest-quality nickel-cadmium batteries made and are capable of holding a charge when not in use for over a year. The Commanders are especially designed to slip easily into purse, pocket or glove compartment.



The long days of summer arrive today, June 21, the longest day of the year. Stretching some of those long days into years are many Y-12ers, observing important milestones with Union Carbide Corporation. Congratulations.

### 20 YEARS

**Julius J. Holzknecht Jr.**, Process Maintenance, June 23.

**Frances M. Smith**, Accounting and Budget, June 23.

**Charles J. Buchanan**, Utilities Administration, June 26.

### 15 YEARS

**Max J. Bezik**, Ceramics and Plastics Development, June 23.

**Harmon G. Smith**, Electrical Engineering, June 23.

**Walter R. Clevenger**, Arc Melting, June 24.

**Lawrence E. Graham**, Janitors Department, June 26.

**William G. Rains**, Physical Testing, June 26.

### 10 YEARS

**Richard G. Spurling**, Dispatching Department, June 24.

## New Linde Plant At Los Angeles

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ments of aerospace projects, the increasing utilization of Union Carbide's Polarstream in-transit refrigeration system by West Coast food shippers is boosting requirements for liquid nitrogen.